

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**MONITORING AND REPORTING PROGRAM NO. R9-2002-0020
NPDES NO. CAG679001**

**GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
DISCHARGES OF HYDROSTATIC TEST WATER AND POTABLE WATER TO SURFACE
WATERS AND STORM DRAINS OR OTHER CONVEYANCE SYSTEMS**

SAN DIEGO REGION

A. PURPOSE

This monitoring program is intended to:

- Document short-term and long-term effects of the discharge on receiving waters, sediments, biota, and beneficial uses of the receiving water.
- Determine compliance with NPDES permit terms and conditions.
- Be used to determine compliance with water quality objectives.

B. MONITORING PROVISIONS

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. Sampling stations shall be established for the point of discharge where representative samples of the discharge can be obtained before the discharge mixed with the receiving waters.
2. For additional monitoring provisions, refer to the Standard Provisions, *Attachment C* of Order No. R9-2002-0020.
3. Monitoring must be conducted according to United States Environmental Protection Agency (U.S. EPA) test procedures approved under Title 40 of the Code of Federal Regulations Part 136 (40 CFR 136), *Guidelines Establishing Test Procedures for the Analysis of Pollutants*, as amended, unless other test procedures have been specified in this Order, and/or in this monitoring and reporting program.
4. Records of monitoring information shall include:
 - a. The date, exact location, and time of sampling or measurements;

- b. The name(s) of individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. The name(s) of the laboratory and individual(s) who performed the analyses;
 - e. The analytical techniques or methods used; and
 - f. The results of such analyses.
5. Monitoring results must be reported in a format developed by the Enrollee and is subject to the approval of the Regional Board.
 6. The Enrollee shall report all instances of noncompliance not reported under *Reporting Requirements, G.5*, of Order No. R9-2002-0020 at the time monitoring reports are submitted. The reports shall contain the information listed in *Reporting Requirement, G.5*, of Order No. R9-2002-0020.

C. MONITORING AND REPORTING SCHEDULE AND FREQUENCY

1. A monitoring report shall be submitted quarterly to the Regional Board. The report shall include all projects completed during the reporting period. For each project the report shall include, at a minimum, the following information:
 - Characterization of the discharge (see *Finding 9*);
 - Options taken into consideration that would have allowed for water conservation, land disposal, and/or reuse of water. Include explanations on why none of the options were considered feasible;
 - The average and maximum daily flow rate;
 - The affected receiving water or the location of the MS4 storm drain;
 - A description of the treatment (if appropriate); and
 - A map showing the path from the point of initial discharge to the ultimate location of the discharge.
2. The monitoring report shall be submitted by the 15th of the second month following the reporting period:

Monitoring Reporting Period	Monitoring Report Due
January - March	May 15
April - June	August 15
July - September	November 15 *
October - December	February 15

* The due date for the July-September 2002 Monitoring Report is February 15, 2003 (see *Provision, F*, of this MRP, page M-4).

3. One week prior to any planned discharge from a location not yet reported, the discharger shall notify the Regional Board staff by phone or fax indicating the following:
 - Characterization of the proposed discharge (see *Finding 9* of the Order);
 - The location of the discharge;
 - The estimated average and maximum daily flow rates;
 - The frequency and duration of the discharge;
 - The affected receiving water(s);
 - A description of the proposed dechlorination method (if appropriate); and
4. All monitoring reports shall include discharge limitations given in the Order, tabulated analytical data, chain of custody, and a laboratory/sampling report (including, but not limited to, date and time of sampling, date of analysis, method of analysis, and detection limits).

D. EFFLUENT MONITORING

Effluent monitoring shall be conducted as follows:

CONSTITUENTS	UNITS ²	SAMPLE TYPE ³	ANALYSIS FREQUENCY ⁴
Flow ¹	GPD	----	Daily
Total Residual Chlorine	mg/L	Grab	During the first 30 minutes of each discharge and as directed by the Executive Officer, thereafter
Total Dissolved Solids ⁵	mg/L	Grab	“
pH	Units	Grab	“
Temperature	°F	Grab	“

- 1 A daily flow log shall be maintained indicating either the daily volume (gallons per day) of waste discharged or that no discharge occurred.
- 2 GPD = gallons per day, mg/L = milligram per liter, ml/L = milliliters per liter, °F = degrees Fahrenheit
- 3 A grab sample is an individual sample of at least 200 milliliters collected over a period not exceeding 15 minutes. If the discharge is over a period greater than 24 hours, a flow-weighted 24-hr. composite sample shall be taken.
- 4 During periods of extended discharges, no more than one analysis per week (7 days) is required.
- 5 Conductivity measurements can be used to show compliance with Order No. R9-2002-0020 (0.67 mg/L TDS contribute to 1 microsiemens per centimeter).

E. RECEIVING WATER MONITORING

1. Receiving water monitoring shall consist of visual observations for turbidity, erosion, and sedimentation within one hour after each discharge event, at the point of discharge. If the discharge is directly into a receiving water, receiving water monitoring shall include all visual observations mentioned above as well as measurement of turbidity 100 feet upstream and 100 feet downstream of the discharge point. The discharger shall also discuss any turbidity plumes created by the discharge including a description (e.g. color, extent, duration, etc.) of any turbidity plumes.

VISUAL OBSERVATIONS	100 ft. UP-STREAM	100 ft. DOWN-STREAM
Turbidity	Within 1 hour after discharge event.	Within 1 hour after discharge event.
Erosion	“	“
Sedimentation	“	“

2. The Regional Board may increase receiving water monitoring requirements on a case-by-case basis. Additional receiving water monitoring for individual dischargers may be required, where necessary, to show that during the term of discharge, applicable surface water quality objectives will be maintained.

F. PROVISIONS

1. All reports submitted in response to this Order shall comply with signatory requirements specified in *Reporting Requirements, G.12*, of this Order.
2. Within 30 days of termination of all discharge events, the Enrollee shall submit a letter to the Regional Board stating that all discharges have been terminated and providing the last date of discharge.
3. The Enrollee shall implement the above monitoring program on the 1st day of discharge following enrollment under this Order.
4. The first monitoring report has to be submitted no later than 180 days after the adoption of Order No. R9-2002-0020.

JOHN H. ROBERTUS
Executive Officer
August 14, 2002